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CENTRAL INTELLIGENCE AGENCY

REPORT NO.

INFORMATION REPORT

CD NO.

25X1A

COUNTRY USSR (Leningrad Oblast)

DATE DISTR. SEP 9 1949

SUBJECT Elektrosila Plant in Leningrad

NO. OF PAGES 2

PLACE 25X1A

ACQUIRED 25X1ADATE OF INFO.

This document is hereby regraded
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letter of 18 October 1978 from the
Director of Central Intelligence to the
Archivist of the United States.
Review Date: 2008

NO. OF ENCLS. 1

SUPPLEMENT TO
REPORT NO.

25X1X

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September 1945 to May 1947

1. Location: In a southern suburb of LENINGRAD (30°20'E/59°58'N).
2. Plant Area: About 5,000 x 5,000 feet.
3. Plant Installations: The plant consists of old solid stone buildings. There are spur tracks.
4. Foundry: 450 feet long, 50 feet wide, with three departments: Foundry, molding shop and cleaning shop.
 - a. (1) Equipment: A furnace for pig iron casting (16 feet high and about 4 1/2 feet in diameter) in the foundry. Castings were made daily between 5 p.m. and 11 p.m. The furnace was tapped once.
 - (2) Two furnaces for aluminum castings also existed. They were 4 1/2 feet high and had a diameter of 4 feet. There were also three traveling ceiling cranes.
 - b. Working force:
 - (1) Work was done in two shifts. Sixty Russians were employed in each shift. An additional detail of 28 PWs were employed during the day and 12 PWs during the night.
 - (2) Two men and nineteen women worked in the molding shop in the one shift per day.
 - (3) Twenty PWs and six Russians were employed in the cleaning shop in one daily shift.

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c. Production:

(1) Two kinds of grey cast iron casings for engines were produced:

- (a) Casing weighing 2 tons for two engines,
- (b) Casings weighing 2.5 tons for three engines, small parts, especially aluminium parts were also produced.

(2) Further tooling of these parts was done in the lathe shop of the plant.

(c) Raw materials: The foundry was supplied daily with two four-axle carloads of casting and pig iron scrap.

December 1948 to March 1949

5. The annex building, started in 1945, was completed in rough brickwork and covered with a roof by March 1949. At this time two foundation pits (about 30 x 23 x 10 feet) were excavated and cemented inside the workshop. Large stones were laid on the bottom of these pits and covered with a 3-foot thick iron-concrete layer.

6. Source learned from Soviet engineers that lathes were to be established in the new workshop.

1947

7. A new workshop of 820 x 230 feet was established.

8. The Elektrosila imeni Kirova Plant mentioned in this report is located at the Moskovskaya Alley in LENINGRAD (see Annex).

9. It is one of the four or five plants in the USSR which constructs large turbo-generators ranging up to 100,000 kws for hydro- and thermal plants. After the war this plant delivered the generators for the Dniepr Power Plant and the large power plants in SHCHERBAKOV (formerly RYBINSK), SIALINOGORSK, ALEKSEIN, and TULOMSK.

10. The attached plant sketch was made according to an aerial photograph of 2 July 1942.

1 Annex: Elektrosila Plant in LENINGRAD, Leningrad Oblast.

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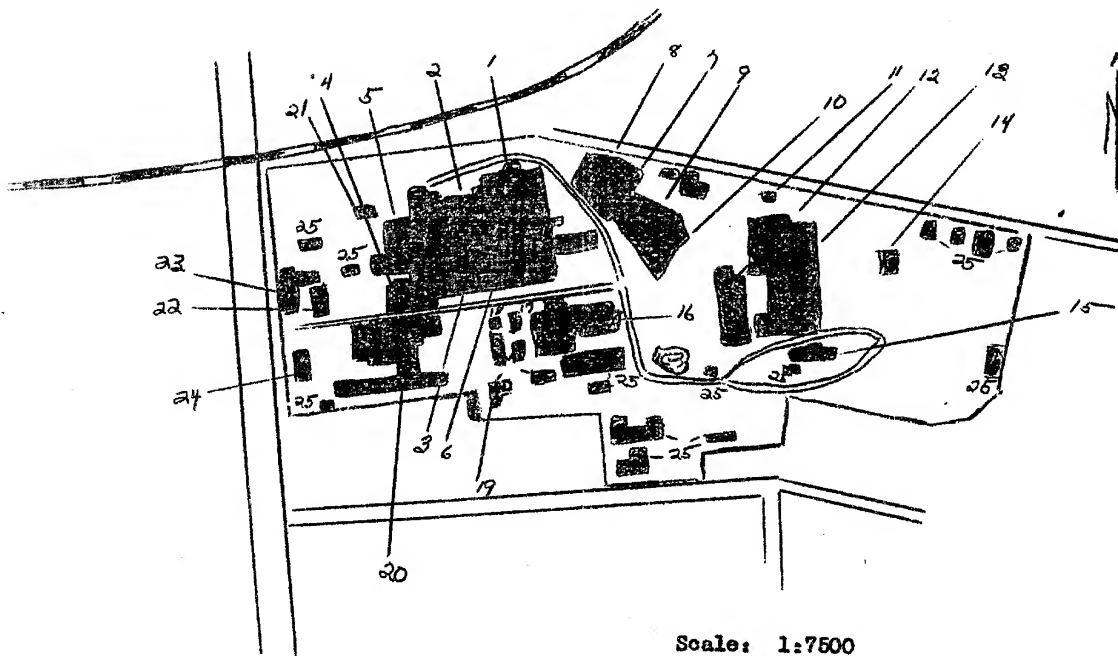
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ATTACHMENT

Elektrosila Plant in Leningrad

Scale: 1:7500

Legend:

1. Department No. 1 Power generation
2. Department No. 2 Workshop with large electric machines
3. Plant administration
4. Department No. 27
5. Department No. 13
6. Department No. 25
7. Department No. 14 Welding shop
8. Forge
9. Department No. 16 Tools
10. Department No. 3 Repairshop and mechanical workshops
11. Oxygen station
12. Generator station
13. Mercury vapor rectifier department
14. Varnish-preparing department
15. Transformer station
16. Department No. 17 Iron foundry
17. Compressor station
18. Fire brigade
19. Ambulance station
20. Department No. 15 Production of insulating material
21. Boilerhouse
22. Pattern-making shop
23. Party and club house
24. Garage
25. Workshops, use unknown

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